WORKCLOUD COMMUNICATION Voice Client



Configuration Guide for StageNow

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Introduction

This guide describes a method for using Zebra StageNow to configure the Zebra Workcloud Communication Voice Client (Zebra Voice). The system administrator should adjust this method as necessary to accommodate the specific business environment. StageNow tutorial and training materials are located at: zebra.com/us/en/support-downloads/software/utilities/stagenow.html or techdocs.zebra.com/stagenow/.



NOTE Requires Zebra Voice version 8.2.729 or later.

Procedures in this guide are for StageNow version 3.0.1.1038 and can differ for other versions of StageNow.

Overview



NOTE If using Zebra Voice version 9.x with Profile Manager, make sure to install the Device Fabric Service (DFS) APK before installing the Zebra Voice APK.

When configuring Zebra Voice for the first time, install both the Zebra Voice APK file and the Zebra Voice configuration file on the device. When updating the configuration file of an existing installation, only the XML configuration file is required.

The configuration file **WFConnect.xml** stores all Zebra Voice configuration parameters as key and value pairs. For information on how to create the configuration file, refer to the Workcloud Communication Voice Client 8.x Administrator Guide for the desired PBX type.

Zebra Voice listens for the wfc.voice.ACTION_UPDATE_CONFIG intent during runtime. When Zebra Voice receives the intent from StageNow, Zebra Voice uses WFConnect.xml to update the Zebra Voice configuration parameters. When installing or updating WFConnect.xml, Zebra Voice must be running in order to receive the intent.



NOTE The package name and Android application ID for Zebra Voice is **com.symbol.wfc.voice**.

Installing the APK

To install the Zebra Voice app on a Zebra Android device:

- 1. From the StageNow Tool, select Create a New Profile.
- 2. From the drop-down menu, select the MX version on your device.



NOTE Procedures in this guide are for MX versions 4.x and 5.x and can differ for other MX versions.

3. Select Manage Applications.

Figure 1 Select a Wizard

1 StageNow	max here	finder and finnes filling from the \$1000	
Settings Help About		Current IP: 192.168.1.5 WI-Fi Hotspot: On O Chan	nge Password 🚽 Log out
Sel	ect a Wizard		*
Ple	ease select the MX version	on your device: MX 5.2 -	RD III Actions
Na	ame	Description	
A Home	Configure a Device	Configure most common Settings for a device. Use this Wizard to Manage	
+ Create new Profile	Connect Network	Connect to a Network. Use this Wizard to connect to a Wi-Fi, GPRS, or Ether	
📓 All Profiles	Enroll in an MDM	Enroll a device for management by an MDM. Use this Wizard to $Download_{\!\!\!\!\!\mathrm{sm}}$	
All Settings	Manage Application(s)	Manage applications on a device. Use this Wizard to Download, Install, Uni	IIIII Actions
🗐 CSP Library	Manage Device Security	Configure Security options and policies for a device. Use this Wizard to Wh	
	Perform OS Update	Perform an OS Update on a device. Use this Wizard to apply an Update or a	
1	Wipe a Device	Destroy device data using Enterprise or Factory Reset	
1	Xpert Mode	Configure any available Settings for a device. Use this Wizard to create any	
		Cancel Create	

4. Select Create.

5. In the Enter Profile name field, enter the profile name.

Figure 2 Enter Profile Name

1 StageNow	int lage 1	
Settings Help About		Current IP : 192.168.1.5 Wi-Fi Hotspot: 🚺 Change Password 🚽 Log out
Manage Application(s): Pr	ofile1	Profile Status: Incomplete 🏫
Before you start Manage applications on a device. U and/or Production Network, Downlos Analytics - Help Zebra improve it	se this Wizard to Download ad Data Files, and Reboot tl s products and services by	d, Install, Uninstall and Launch any applications. This Wizard will also allow you to Connect to a Staging the device. y sending machine data related to device usage About machine data.
Configure the right sett	ings using the AnalyticsM	lgr.
	Enter Profile name:	Profile 1
		Start

- 6. Select Start.
- 7. For the question, Would you like to connect to a network?, select No.
- 8. For the question, Would you like to Uninstall an installed application?, select No.
- 9. For the question, Would you like to install an application?, select Yes.
- 10. For the question, Is your application already present on the device?, select No, I want to Download the file to my device.

The **Download App** page appears.

- 11. In the Target Path and File Name on Device field, enter the target path and file name for your device. For example, /sdcard/WFCVoice-8.2.741.apk.
- 12. In the Source File Location field, select .
- 13. In the Staging Server drop-down menu, select one of the following options:
 - Built In Select and navigate to the location of the APK file and staging server configuration.
 - **External** Enter the source path and file name.
- 14. Select OK.

StageNow	Series and Manage Ma	ing has been direct.	
Settings Help About	Current IP: 192.168.1.5	Wi-Fi Hotspot: On Change Pa	issword 🕂 Log ou
Manage Application(s): Profile1 2	Profile Id: 2	Profile Status:Incomplet	ie 🔒 🏦
StageNow Config Deployment	Review	Publish	
Compared APK file to device	.2 – 2.2 – Il App Download Files	2.3 – 2.4 Launch App Install App	
Create New Setting Save Setting for Re-use			
Target Path and File Name on Device 💿 WFCVoice-8.2.741.apk Source File Location 💿			
ftp-p://StageNow:StageNow@localhost:21/SETTINGS			
< Back			Continue >

Figure 3 Deployment - Download App

15. Select Continue.

Figure 4 Deployment - Install App

1 StageNow	that longs limited	lagest Amount 1988	the later of		- D X
Settings Help About		Current IP: 192.168.1.5	Wi-Fi Hotspot: On	Change Password	🕂 Log out
Manage Application(s): Profile	e1 🗹	Profile Id: 2	Profile Sta	tus:Incomplete	A
StageNow Config	Deployment	Review	Publish		
C .1.2	2.2 Download Files	2.3 Launch App	2.4	3 Production Network	
Configure the Setting					
Create New Setting Save Setting for Re-use					
< Back				Conti	nue >

16. From the Install App screen, select Continue.

17. For the question, Would you like to download an Application Data file?, select No.

- 18. For the question, Would you like to launch an APK file?, select No.
- 19. For the question, Would you like to install an application?, select No.
- 20. For the question, Would you like to connect to another network?, select No.
- 21. For the question, Would you like to reboot the device?, select No.

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Settings Help About		Current IP: 192.168.1.	5 Wi-Fi Hotspot: 🌘	On 🔵 Change Passw	vord 🚽 Log out
Manage Application(s):	Profile1 🗹	Profile Id: 2	2 Pr	ofile Status:Incomplete	•
StageNow Config	Deployment	Review	Publi	sh	
Staging Profile					
Deployment 2					+ Expand
Profile Description :	Manage Application(s)				
Encrypt Barcode, Audio and NFC Data:	Security Warning: Your Barcode, Audio and NFC da	ata will NOT be encrypted if unche	ecking this box. 🕑		
< Back				Com	olete Profiles >

22. From the Staging Profile page, select Complete Profiles.

Installing or Updating the XML Configuration File

Installing or updating the XML configuration file requires:

- Pushing the XML configuration file to the device.
- Sending an intent to the device.

To install or update the XML configuration file:

- 1. Ensure that Zebra Voice is running.
- 2. Select Create a New Profile.
- 3. Select the MX version according to the MX Version on your device.



NOTE Procedures in this guide are for MX versions 4.x and 5.x and can differ for other MX versions.

4. Select Xpert Mode.



1 StageNow	A Research To	eine a series and install the series in the	
Settings Help About			inge Password 🕂 Log out
	Select a Wizard		×
	Please select the MX version	on your device: MX 5.2 -	RD IIIIII Actions
	Name	Description	
A Home	Configure a Device	Configure most common Settings for a device. Use this Wizard to Manage	
+ Create new Profile	Connect Network	Connect to a Network. Use this Wizard to connect to a Wi-Fi, GPRS, or Ether	
All Profiles	Enroll in an MDM	Enroll a device for management by an MDM. Use this Wizard to $Download_{sm}$	
All Settings	Manage Application(s)	Manage applications on a device. Use this Wizard to Download, Install, Uni	Actions
CSP Library	Manage Device Security	Configure Security options and policies for a device. Use this Wizard to Wh_{m}	→I @ @
	Perform OS Update	Perform an OS Update on a device. Use this Wizard to apply an Update or a	
	Wipe a Device	Destroy device data using Enterprise or Factory Reset	
	Xpert Mode	Configure any available Settings for a device. Use this Wizard to create any	
		Cancel Create	

- 5. Select Create.
- 6. In the Enter Profile name field, enter the profile name.
- 7. Select Start.



	SETTI	NGS	WIZARD		CONFIG	DEPLOY
Name		Description		Add	In this sectior specify Settin	gs that reside
6	AccessMgr	Perform Management of A	ccess features (e.g. Authentic	0	in StageNow I or Audio.	Barcodes, NFC
Z	AnalyticsMgr	Configure Analytics data co	llection operations	0	The amount o contained in t	f data he Settings
01	AppMgr	Perform application (APK)	management	0	determine ho	nis section will w many or how ode. NFC or
-	AudioVolUIMgr	Manage enhanced audio vo	lume control configurations	0	Audio will be.	tings in this
÷	Batch	Process a Batch File conta	ning a stream of XML or XML	0	section do no Network conn	t require a ection to
	BatteryMgr	Manage Battery Operationa	l Settings	0	deploy.	
0	BluetoothMgr	Bluetooth Management		0		
0	BrowserMgr	Manage settings for the we	b browser	0		
-	CamaraMan	- (4 14	~		

- 8. Scroll down to FileMgr and select +. FileMgr is added to the CONFIG tab.
- 9. Scroll down to Intent and select +. Intent is added to the CONFIG tab.

Figure 8	Xpert Mode -	- FileMgr	and	Intent
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	SETTINGS		WIZARD		co	NFIG	DEPLOY
Name	0	Description		Add	ain. T	1. FileMg	ar 💙
> DevAd	min I	Manage Device Administration		0	adi.	2. Intent	>
DH DhcpO	ptionMgr (Manage DHCP Configuration		0			
Display	yMgr (Sets display related configurat	ions	0			
Encryp	otMgr	Perform security storage featu	ıres (e.g. Install/revoke <mark>K</mark> e	0			
FileMg	1	Perform file management ope	rations	0			
GprsM	gr i	Manage XML Gprsence		0			
Hosts	Vigr i	Manage device and network h	ost names	0			
😁 Intent	5	Send an intent to an activity or	service	0			
KeyMa	ppingMgr (Manage key mappings		0			

10. Select Add.

- 11. In the Target Path and File name field, enter /sdcard/WFConnect/WFConnect.xml.
- 12. In the Source File Location field, select .
- 13. In the Staging Server drop-down menu, select one of the following options:
 - Built In Select 💩 and navigate to the location of the APK file and staging server configuration.
 - **External** Enter the source path and file name.

14. Select OK.

Figure 9 Xpert Mode - FileMgr

1 StageNow	and the second se	and the second division of the second divisio	_ _ ×
Settings Help About	Current IP: 192.168.1.5 Wi-Fi Hotspot	On O Change Passwor	d 🕂 Log out
🖉 XpertConfig: Profile2 🗹	Profile Id: 3	Profile Status:Incomplete	A
StageNow Config Review	Publish		
1 – 2 FileMgr Intent		. A	DD 7 EDIT
■ FileMgr			
Configure the Setting			
Create New Setting			
Save Setting for Re-use 💿			
File Action: 💿			
Transfer/Copy File Delete File Download and Expand Archive File			
Target Access Method: 💿			
File in the device file system			
Target Path and File Name: 🛞			
/sdcard/WFConnect/WFConnect.xml			
File on a remote server file system File embedded in XML			
Source File URI: 🕢			
ftp-p://StageNow:StageNow@localhost:21/SETTINGS			
		Co	ntinue >

- 15. Select Continue.
- 16. Select StartActivity.

- **17.** Set the following values:
 - In the Android action name field, enter wfc.voice.ACTION_NEW_CONFIG.
 - From the Extra 0 Type drop-down menu, select String.
 - In the Extra 0 Name field, enter profile_uri.
 - In the Extra 0 Value field, enter /sdcard/WFConnect/WFConnect.xml.

Figure 10 Xpert Mode - FileMgr

ageNow			States and Descent	
tings Help About		Current IP: 192.168.1.5	Wi-Fi Hotspot: On O Change Pass	word 🕂 Log ou
XpertConfig: Profile2 🗹		Profile Id: 3	Profile Status:Incomplete	
StageNow Config Rev	iew	Publish		
FileMgr	2 Intent			ADD / EDIT
Action: 🕜				
StartActivity StartService Broadcast				
Android Action Name:				
wfc.voice.ACTION_NEW_CONFIG				
MIME Type: 💿				
Package Name: 💿				
Class Name.				
URI: 🕖				
File: 💮				
Extra 0 Type: 🕢				
String •				
Extra 0 Name: 💿				
profile_uri				
Extra 0 Value: 🕑				

18. Select Continue.



1 StageNow	the man has be	op Ander terr Mit	not being them the l	
Settings Help About		Current IP: 192.168.1.5	Wi-Fi Hotspot: On O Change Pa	ssword 🕂 Log out
🌾 XpertConfig: Profile2 🗹	†2	Profile Id: 3	Profile Status:Incomplet	•
StageNow Config	Review	Publish		
Staging Profile				
StageNow Config 2				+ Expand
Profile Description :	XpertConfig 📝			
Encrypt Barcode, Audio and NFC Data:	Security Warning: Your Barcode, Audio and NFC data will NOT be encrypted if unchecking this box. 🕑			
< Back			С	omplete Profiles >

19. From the **Staging Profile** page, select **Complete Profiles**.

20. After the XML configuration file update is complete, remove the file from the SD card on the device.



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